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CENTRAL FAX CENTER****NOV 10 2004****FAX TRANSMISSION****DATE:** November 10, 2004**PTO IDENTIFIER:** Application Number 09/581,781-Conf. #4332
Patent Number**Inventor:** Gerald Sugerman**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** EDWARDS & ANGELL, LLP

Jeffrey D. Hsi

PHONE: (617) 439-4444**Attorney Dkt. #:** 60590(50531)**PAGES (Including Cover Sheet):** 11**CONTENTS:** Response to Restriction Requirement (without Traverse) (2 page);
Petition for Extension of Time (1 page);
Supplemental Amendment (6 pages) and
Certificate of Transmission under 37 CFR 1.8 (1 page).

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PTO/SB/97 (12-97)

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(Maria T. Reen)

Docket No.: 60590(50531)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gerald Sugerman

Application No.: 09/581,781

Confirmation No.: 4332

Filed: June 17, 2000

Art Unit: 1614

For: LOW ENVIRONMENTAL TOXICITY LATEX
COATINGS AND THEIR USE IN INK AND
PAINT APPLICATIONS

Examiner: Dwayne C Jones

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RESPONSE TO RESTRICTION REQUIREMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the restriction requirement set forth in the Office Action mailed August 10, 2004, Applicant hereby elects, without traverse, claims for continued examination.

The Examiner has required restriction between species listed at page 2 in the Detailed Action; however, Applicant notes that the pending claims list combinations of components rather than individual components. Thus, to fully reply to the restriction requirement, Applicant elects the combination of (i) an essentially nonvolatile reactive amine; and (ii) a hydroxy-bearing unsaturated ester or an unsaturated hydroxyl-bearing oligomeric glycol or oligol. Claims 1, and 3-7 read on the elected subject matter. Claims 8-24 submitted in the concurrently filed Supplemental Amendment also read on the elected subject matter.

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A petition and fee for an extension of time for response to the restriction requirement is submitted herewith. Should additional fees be necessary, the Director is hereby authorized to charge or credit any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. (50531)-60590.

Dated: 10 November 2004

Respectfully submitted,

By

Jeffrey D. Hsi

Registration No.: 40,024

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P.O. Box 55874

Boston, Massachusetts 02205

(617) 439-4444

Attorney for Applicant

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

Dated: November 10, 2004 Signature: Marla T. Reen

(Marla T. Reen)

Docket No.: 60590(50531)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gerald Sugerman

Application No.: 09/581,781

Confirmation No.: 4332

Filed: June 17, 2000

Art Unit: 1614

For: **LOW ENVIRONMENTAL TOXICITY LATEX
COATINGS AND THEIR USE IN INK AND
PAINT APPLICATIONS**

Examiner: Dwayne C. Jones

SUPPLEMENTAL AMENDMENT

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NOV 10 2004

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Further to the Office Action dated August 10, 2004, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

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AMENDMENTS TO THE CLAIMS**1.(Original) Compositions of matter comprising:**

essentially nonvolatile reactive amines;
hydroxy bearing, unsaturated esters and /or ethers and/or ether-esters; and /or
combinations of non-hydroxy bearing, unsaturated esters and/or ethers and/or
ether-esters, and/or saturated hydroxyl bearing etherified and/or esterified
oligomeric glycols and/or oligools.

2.(Original) Compositions of matter comprising:

volatile amines and/or ammonia neutralizers;
hydroxyl bearing, unsaturated esters and/or ethers and/or ether-esters; and/or
combinations of non-hydroxy bearing, unsaturated esters and/or ethers and/or
ether-esters, and/or saturated hydroxyl bearing etherified and/or esterified
oligomeric glycols and/or oligools.

3.(Original) Compositions of matter comprising:

essentially nonvolatile reactive amines; and
organic solvent coalescents.

**4.(Currently amended) Compositions of matter as defined in ~~any of~~ claims 1, ~~2 or 3~~
having as an additional components latex resin.**

**5.(Currently amended) Compositions of matter as defined in ~~any of~~ claims 1, ~~2, 3 or 4~~
having hypersurfactants as an additional component.**

**6.(Original) Compositions of matter as defined in Claim 5 in which the hypersurfactants
are derived from titanium or zirconium based organometallics.**

**7.(Original) Compositions of matter as defined in claim 4 in which the latex resin is
derived from poly vinyl acetate and/or acrylic and/or a copolymer thereof.**

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8. (New) The composition of claim 1, comprising:
an essentially nonvolatile reactive amine; and
a hydroxyl-bearing unsaturated ester or ether or ether-ester, or an unsaturated hydroxyl-bearing oligomeric glycol or oligool.

9. (New) The composition of claim 1, comprising:
an essentially nonvolatile reactive amine;
a non-hydroxyl-bearing unsaturated ester or ether or ether-ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

10. (New) The composition of claim 1, comprising:
an essentially nonvolatile reactive amine;
a hydroxyl-bearing unsaturated ester or ether or ether-ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

11. (New) The composition of claim 1, comprising:
an essentially nonvolatile reactive amine;
an unsaturated ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

12. (New) The composition of claim 1, comprising:
an essentially nonvolatile reactive amine;
a non-hydroxyl-bearing unsaturated ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

13. (New) The composition of claim 1, comprising:
an essentially nonvolatile reactive amine;
a hydroxyl-bearing unsaturated ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

14. (New) The composition of claim 1, comprising:

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an essentially nonvolatile reactive amine;
an unsaturated ether; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

15. (New) The composition of claim 1, comprising:

an essentially nonvolatile reactive amine;
an hydroxyl-bearing unsaturated ether; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

16. (New) The composition of claim 1, comprising:

an essentially nonvolatile reactive amine;
a non-hydroxyl-bearing unsaturated ether; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

17. (New) The composition of claim 1, comprising:

an essentially nonvolatile reactive amine;
an unsaturated ether-ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

18. (New) The composition of claim 1, comprising:

an essentially nonvolatile reactive amine;
a hydroxyl-bearing unsaturated ether-ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

19. (New) The composition of claim 1, comprising:

an essentially nonvolatile reactive amine;
a non-hydroxyl-bearing unsaturated ether-ester; and
a saturated or unsaturated hydroxyl-bearing oligomeric glycol or oligool.

20. (New) The composition of claim 1, comprising:

an essentially nonvolatile reactive amine; and
a hydroxyl-bearing unsaturated ester or ether or ether-ester.

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21. (New) The composition of claim 1, comprising:

- an essentially nonvolatile reactive amine;
- a hydroxyl-bearing unsaturated ester or ether or ether-ester; and
- a non-hydroxyl-bearing unsaturated ester or ether or ether-ester.

22. (New) A low environmental toxicity composition, made by a process comprising of combining:

- (i) an essentially nonvolatile reactive amine; and
- (ii) a hydroxyl-bearing unsaturated ester or ether or ether-ester, or an unsaturated hydroxyl-bearing oligomeric glycol or oligool.

23. (New) A method of making a low environmental toxicity composition, comprising of combining :

- (i) an essentially nonvolatile reactive amine; and
- (ii) a hydroxyl-bearing unsaturated ester or ether or ether-ester, or an unsaturated hydroxyl-bearing oligomeric glycol or oligool.

24. (New) A composition of claim 1, comprising a hydroxyl bearing etherified or esterified oligomeric glycol or oligool.

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REMARKS

Claims 1-7 are subject to restriction election (election submitted concurrently herewith). In order to further expedite prosecution, Applicant requests entry of this amendment, which presents new claims 8-24 relating to the concurrently elected subject matter. Applicants make these amendments without prejudice to pursuing the original subject matter of this application in a later filed application claiming benefit of the instant application, including without prejudice to any determination of equivalents of the claimed subject matter. Support for these amendments appears throughout the specification and claims as filed. No new matter is introduced by these amendments.

In view of the above amendment, Applicant requests examination of the claims as submitted herewith. Should additional fees be necessary, the Director is hereby authorized to charge or credit any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. (50531)-60590.

Dated:

Respectfully submitted,

By

Jeffrey D. Hsi

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